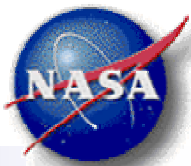


June 24, 2004  
Leigh Gatto

# Code 589 Project Status



As of 06/24/2004

Project	Apr	May	Jun	CS	Notes
ARISE	R	R	R	0.70	This project currently has no funding. Working to identify a new strategy for maximizing the usability of what has already been developed.
ASF	G	G	G	0.70	Updating specification schemas concerning capabilities and limitations for platform, fleet and instruments. Researching ways to read/display electronic navigational charts for user interface.
Balloon Instrumentation	G	G	G	0.50	Researching balloon sensors.
GRASP	G	G	G	0.40	No Activity.
OASIS	G	G	G	0.50	Began analysis of computer requirements and their impact on the power budget of the OASIS craft.
OSAT	G	G	G	0.05	Project placed at low priority in relation to other supported Code 972 efforts. No current mission requires the use of OSAT. Original feature set for OSAT software is complete and ready to support potential missions with appropriate lead time.
Ozone Sonde Pump Efficiency System	G	G	G	0.70	ECC cell interface was a major milestone. In June the construction of the interface box was completed and the test phase of the project has commenced. The interface board works as expected the solenoid valves and flow meter were successfully integrated.
POC Lidar	G	G	G	0.70	Coded simulation capability to allow testing while laser was being serviced. Developed and coded new archiving format requested by Code 972. Currently integrating new format into software.
RADAC	Y	Y	Y	0.75	Funding for continuation of this project has been frozen by Code T SLI. Lack of funding has now postponed the transition to no earlier than February 05. Code 840 is reevaluating funding and transition requirements.
Range Rapid Response Operations	R	R	R	1.20	This project currently has no funding. Code 589 has supported several proposal activities and continues to analyze requirements.
				6.20	

# Code 589 Project Status

## Code 589 Project Status

As of 06/24/2004

Project	Apr	May	Jun	CS	Notes
Ship Surveillance Tool	G	G	G	1.70	Preparing for 7/9/04 Acceptance Test Readiness Review.
ULDB CREAM	G	G	G	4.00	CDM thermal vac testing was completed in April. Science interface testing between the science computer and the CDM flight computer was conducted in April and June. A few items remain outstanding and are being worked. The Engineering Support Center Security Plan has been submitted for approval.
Wallops Web Redesign	G	G	G	0.50	Incorporating 25 suggestions from feedback on draft release (15-20% of those solicited sent response). Continuing with 3rd-level pages. Formulated plan for migration to new server and for release of new site. Feedback still welcome: <a href="http://www.wff.nasa.gov/test/">http://www.wff.nasa.gov/test/</a>
WFF Geophysical Observatory	G	G	G	0.20	Planning to use Linux UDAS system as main WGO data acquisition system. This will simplify a migration path to a larger system. Currently having difficulty securing contractor support.
Wind Weighting	G	G	G	0.40	Preparations for EQUIS II are complete. Working to complete GPS data source implementation in early 7/04. Evaluating requirements for the winter 05 Poker Flat sounding rocket campaign.
WISDM	G	G	Y	1.50	XPRS hardware configuration is on hold until contractor funding is in place from Code 803. Problems implementing vendor's latest update have impacted POINT schedule approximately one month. A modification of the vendors latest update was installed on 6/17 to resolve implementation conflicts. Vendor training began on new workflow processes on 6/8. Updating operational scripts to match new API submissions. Adding pagination and PDF capability to accommodate Code 800's request for non-web formats.
				8.30	
	WFF TOTAL			14.50	

Interviewed Mylene Cover and Sarah Daugherty of ODU for Co-op positions. Plan to invite Sarah to WFF for onsite interview. Passed Mylene's information to Code 583 for their consideration.

## Code 589 Interns:

Kirstin Williams is a senior at Wheeling Jesuit University will be supporting the Ship Surveillance project.

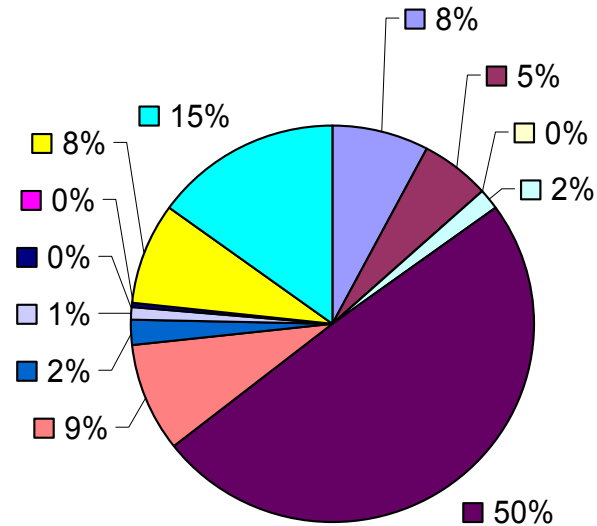
Abass Labay is a senior from UMES will help with branch CM activities.













Katrina LaCurts is a returning SHARP student and the 2004 valedictorian from Pocomoke High School will be automating the PAM Fluorometer for Code 972.

Kyle Shanahan a SHARP student from Bennett High School will be  
Four interns began work with Code 589 in June.  
supporting Tom Taylor with a number of web activities.

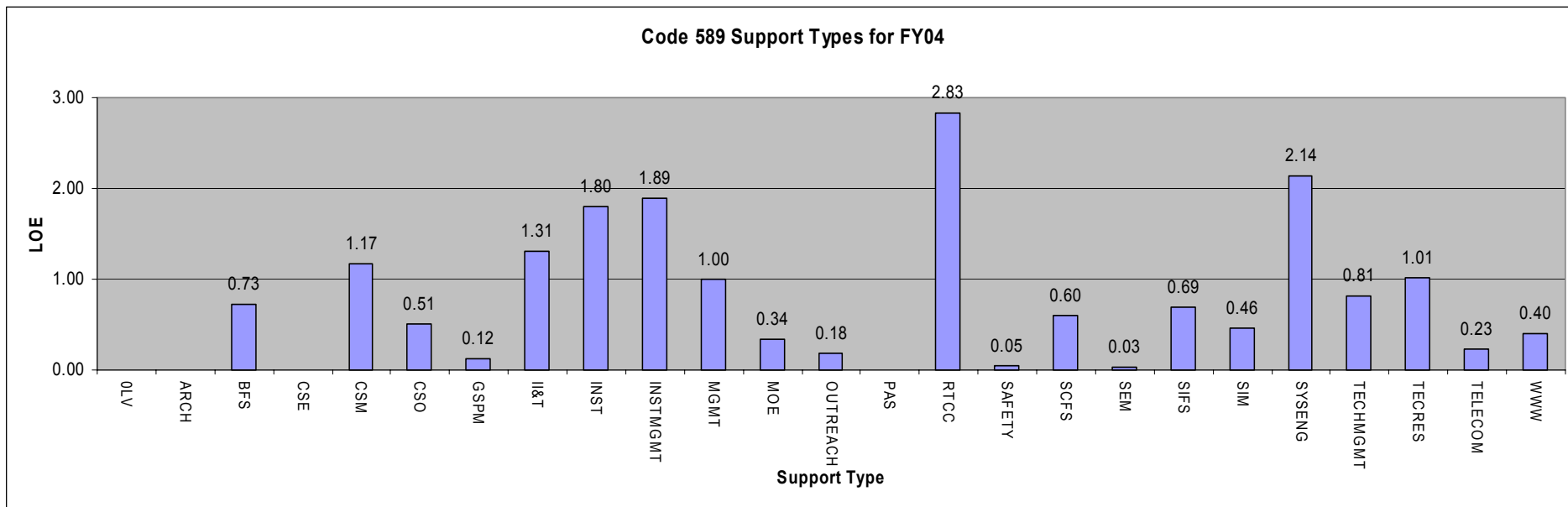
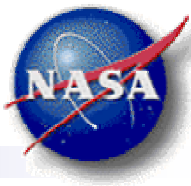
# 589 Staffing Overview – FY04

**Code 589 Business Types FY04**



-  AISE-Mission Request
-  AISE-Tech Dev
-  AISE-Unique
-  AISE-Proc Improv
-  ISE-Primary Work, Standard
-  ISE-Primary Work, Standard Investment
-  ISE-Primary Work, Specialized
-  ISE-Directed, Standard
-  ISSI-Fac Mgmt
-  ISSI-Admin IT
-  ISSI-Other
-  Management

# 589 Staffing Overview – FY04

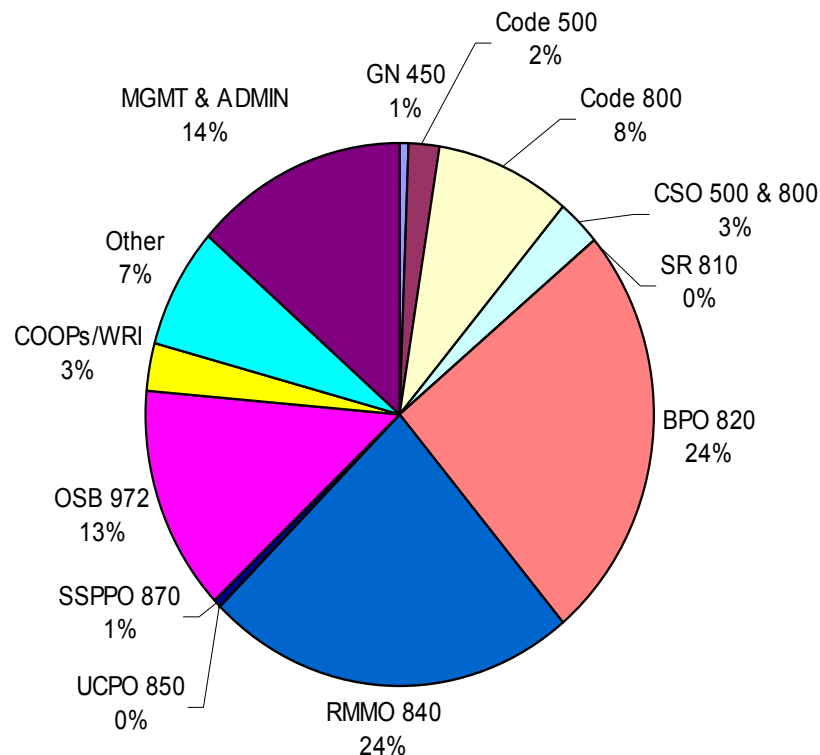


# 589 Staffing Overview – FY04



GN 450	0.12
Code 500	0.35
Code 800	1.55
CSO 500 & 800	0.51
SR 810	0
BPO 820	4.6
RMMO 840	4.31
UCPO 850	0
SSPPO 870	0.1
OSB 972	2.44
COOPs/WRI	0.5
Other	1.32
MGMT & ADMIN	2.5
<b>TOTAL</b>	<b>18.3</b>

**589 Staff Breakout**



Delta/Notes:

- Total Permanent FT and PT employees: 18.3

ADEOS	Advanced Earth Observation Satellite	OASIS	Ocean-Atmosphere Sensor Integration System
ARISE	Advanced Range Integrated Simulation Environment	ODU	Old Dominion University
ARTI	Advanced Range Technology Initiative	ORR	Operational Readiness Review
ASD	Advanced Surveillance Demonstrator	OSAT	Observational Science Airborne Tracking
ASF	Adaptive Sensor Fleet	OSB	Observational Science Branch
BPO	Balloon Program Office	POC Lidar	Particulate Organic Carbon Lidar
CCR	Configuration Change Request	PSU	Penn State University
CNES	Centre National d'Etudes Spatiales (French Space Agency)	RADAC	Range Data Acquisition
CoO	Continuous Operation	REOC	Remote Earth Observing Control Center
CPU	Central Processing Unit	RMMO	Range and Mission Management Office
CSO	Computer Security Officer	ROWS	Radar Ocean Wave Spectrometer
CSOC	Consolidated Space Operations Contract	RTEMS	Real-time Executive Multiprocessor System
DSCO	Deputy Computer Security Officer	RTOS	Real-time Operating System
DR	Design Requirement	SEB	Source Evaluation Board
DRS	Disturbance Reduction System	SI C&DH	Science Instrument Command & Data Handling
DSA	Distributed Spacecraft Systems Architecture	SEB	Source Evaluation Board
EMOS	EOS Mission Operations System	SEM	Space Experiment Module
EOS	Earth Observatory System	SITS	Science Instrument Test System
EOSDIS	EOS Data Information System	SMEX	Small Explorer
FSW	Flight Software	SR	Sounding Rockets
GAS	Get Away Special	SRP	Sounding Rockets Program
GMSEC	GSFC Mission Services Evolution Center	SSPPO	Small Shuttle Payloads Projects Office
GPM	Global Precipitation Measurement	SSM	Support Service Module
HABS	Harmful Algal Bloom Spectroscopy	SST	Ship Surveillance Tool
IMDC	Integrated Mission Design Center	UCPO	University Class Projects Office
IRAC	Infrared Array Camera	ULDB	Ultra Long Duration Balloon
ISIM	Integrated Science Instrument Module	ULDB TIGER	The Trans Iron Galactic Element Recorder
LRTEE	Launch Range Technology Evaluation Environment	ULDB CREAM	Cosmic Ray Energetics And Mass Balloon Experiment
MRR	Mission Readiness Review	VCSFA	Virginia Commercial Space Flight Authority
NASDA	National Aeronautical Space Defense Agency of Japan	WISDM	Wallops Integrated Scheduling and Documentation Management
NGN	NASA Ground Network	WGO	WFF Geophysical Observatory
NICMOS	Near Infrared Camera & Multi-Object Spectrometer		